

Declaration of Performance

EXCEL SOLAR

1. Identification code	EXCEL SOLAR
2. Intended use	Reinforced bitumen sheets for roof waterproofing
3. Manufacturer	AXTER SAS, 6 rue Laferrière, 75009 PARIS, France www.axter.co.uk/downloads
4. Authorised representative	N/A
5. System of assessment and verification of constancy of performance of the product	System 2+
6a. Product covered by the harmonised standard:	EN 13707 The CSTB, notify body n° 0679 has performed under system 2+ the initial inspection of factory production control the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control n° 0679 - CPR - 0128.
6b. European Technical Assessment:	N/A

7. Declared performance

Essential characteristics			Performance				Harmonised technical specification
			Value	Tolerance		Units	
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal	NA	-	-	N	EN 13707:2014	
	Cross direction	NA	-	-			
Tensile properties: maximum tensile force	Longitudinal	600	500	900	N/50 mm		
	Cross direction	600	500	750			
Tensile properties: elongation	Longitudinal	35	25	60	%		
	Cross direction	35	25	60			
Peel resistance of joint	Maximum force	Selvage	NA	-	-		N/50mm
		End joint	NA	-	-		
	Average force	Selvage	NA	-	-		
		End joint	NA	-	-		
Shear resistance of joint	Maximum force	Selvage	600	500	750		N/50mm
		End joint	600	500	900		
Flexibility at low temperature			-14	≤			°C
Durability EN 1296	Flow resistance at elevated temperature		120	110	130		°C
Durability EN 1297	Visible defects		NA				
Resistance to impact			1750	≤			mm
Resistance to static loading (method A)			20	≥			kg
Watertightness under 10 kPa			Conform				-
Resistance to root penetration			NA				-
Resistance to external fire exposure			FRoof (Note 1)				-
Reaction to fire			NPD			-	
Dangerous substances			Note 2 and 3			-	

NA: not applicable due to use of product. NPD: No Performance Determined

Note 1: As the resistance to external fire exposure of roof depends on the complete system, no performance can be declared for the product alone.

Note 2 : This product does not contain asbestos or tar constituents

Note 3 : In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.

The performances of the product identified above are in conformity with the declared performances.
In accordance with Regulation (UE)n°305/2011, this declaration of performance is issued under the sole responsibility of the manufacturer identified

Signed for and on behalf of the manufacturer by:
Peter Fleischmann (Managing Director)



Paris
10/08/2018